KCC WICHITA

Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	t;				(See Instruc	tions on Rev	erse Side)				
_ `	en Flo eliveral				Test Date	e: 12/23	/2010			I No. 15 5-21844-0 0	000		
Company MIDCO Exploration, Inc.						Lease Lindquist					4	Well Number	
County Location Kingman 1870 FNL 2045 FEL				Section 24			TWP 28S		/W)	Acres Attributed			
Field Garlisch					Reservoir Mississipp i			Gas Gathering Connection ONEOK					
Completion Date 7/8/03				Plug Bac 4096	Plug Back Total Depth 4096			Packer : N/A	Set at				
Casing Size Weight 4 1/2" 10.5#					Internal I 4.090	Diameter	Set at 4028		Perforations 4060		To 4083		
Tubing Size Weight 2 3/8" 4.7#					Internal I 1.995"	Diameter	Set at 4035		Perfo	orations	То		
Type Completion (Describe) Single gas				Type Flui Water	Type Fluid Production Water			Pump Unit or Traveling Plunger? Yes / No PUMP					
Producing Thru (Annulus / Tubing) Tubing				% (% Carbon Dioxide				jen	Gas Gr	avity - G _g		
Vertical Depth(H) 4072					Pressure Taps Flange					(Meter I	Run) (Prover) Size		
Pressure	Buildu	ıb:	Shut in <u>12</u>	/22 2	_{0_10at_} 8	:00	(AM) (PM)	Taken	2/23	20	10 at 8:00	(AM) (P M)	
Well on L	ine:		Started12	2/232	_{0 10at} 8	:00	(AM) (PM)	Taken		20	at	(AM) (P M)	
<u> </u>	·····				<u></u>	OBSERVE	D SURFACE				Duration of Shut-	in Hours	
Static / Dynamic Property	ynamic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well Head Temperature t t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In								57 <u>0</u> -			` \		
Flow		·											
· · · · · · · · · · · · · · · · · · ·						FLOW STR	EAM ATTRI	UTES		· · · · · · · · · · · · · · · · · · ·			
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension P _m xh	Grav Fact	- 1 7	Flowing Temperature Factor F, F,		ctor	Metered Flow R (Mcfd)	GOR (Cubic Fer Barrel)	Flowing Fluid Gravity G _m	
			·• ·		(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS				
(P _c) ² =		· :	(P) ² =	:	P _d =			- 14.4) +		:		= 0.207	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P	(c)2-(P _w)2	Choose formula 1 or 2. 1. $P_c^2 - P_g^2$ 2. $P_c^2 - P_g^2$ ivided by: $P_c^2 - P_g^2$	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Backpres Slop		nx	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flow				Moid @ 14	SE pois		Dolivorabili						
			· · · · · · · · · · · · · · · · · · ·	Mcfd @ 14.	<u> </u>		Deliverabili	<u></u>	· ·		lcfd @ 14.65 psi		
				behalf of the district distric							and that he ha	s knowledge of $\frac{10}{}$.	
			Witness (if	any)						For Co	mpany	RECEIVED	
		.		**			_				, ,	JAN 0-3 2011	

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator MIDCO Exploration, Inc. and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the Lindquist #4 gas well on the grounds that said well:
(Check one) is a coalbed methane producer is cycled on plunger lift due to water is a source of natural gas for injection into an oil reservoir undergoing ER is on vacuum at the present time; KCC approval Docket No. ✓ is not capable of producing at a daily rate in excess of 250 mcf/D I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.
Date: 12/27/2010 Signature: Dandow Title: Vice-President

Instructions:

If a gas well meets one of the eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may complete the statement provided above in order to claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been measured after a minimum of 24 hours shut-in/buildup time and shall be reported on the front side of this form under OBSERVED SURFACE DATA. Shut-in pressure shall thereafter be reported yearly in the same manner for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption IS denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.